

FIG. 1

FIG. 2 is a block diagram of a system for managing calls to a residential gateway. The system includes a Presence Management Processor (28), a Call Agent (26), and a Packet-based Communication Network (22). The Presence Management Processor (28) is connected to the Packet-based Communication Network (22). The Call Agent (26) is also connected to the Packet-based Communication Network (22). The Packet-based Communication Network (22) is connected to three Residential Gateways (10). Each Residential Gateway (10) is connected to a Telephone (2). The Residential Gateway (10) on the left is connected to a Telephone (2) and displays 'No Callers'. The Residential Gateway (10) in the middle is connected to a Telephone (2) and displays 'No Callers'. The Residential Gateway (10) on the right is connected to a Telephone (4) and displays 'Caller 1 Available', 'Caller 2 Out', and 'Caller 3 Busy'.

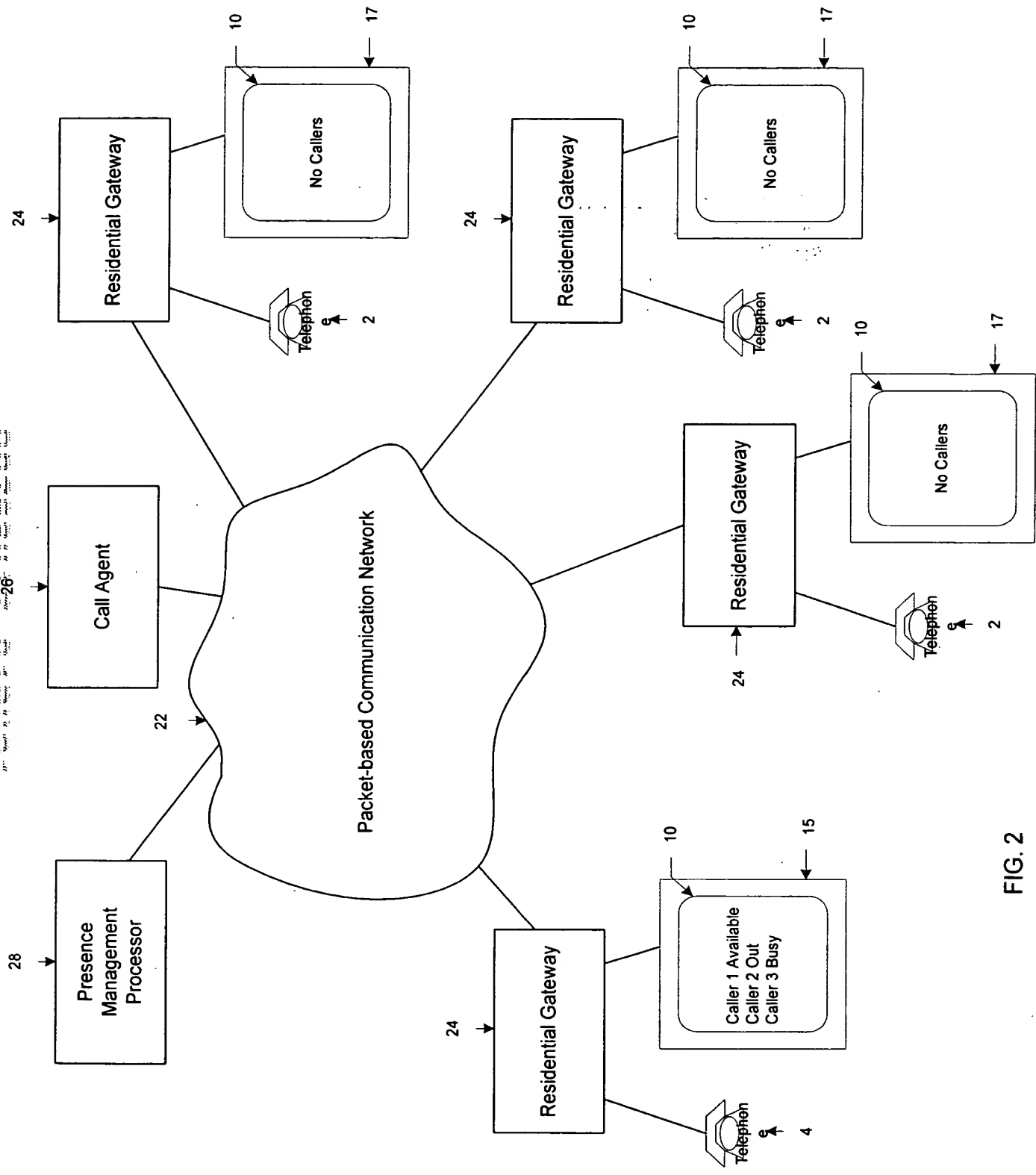


FIG. 2

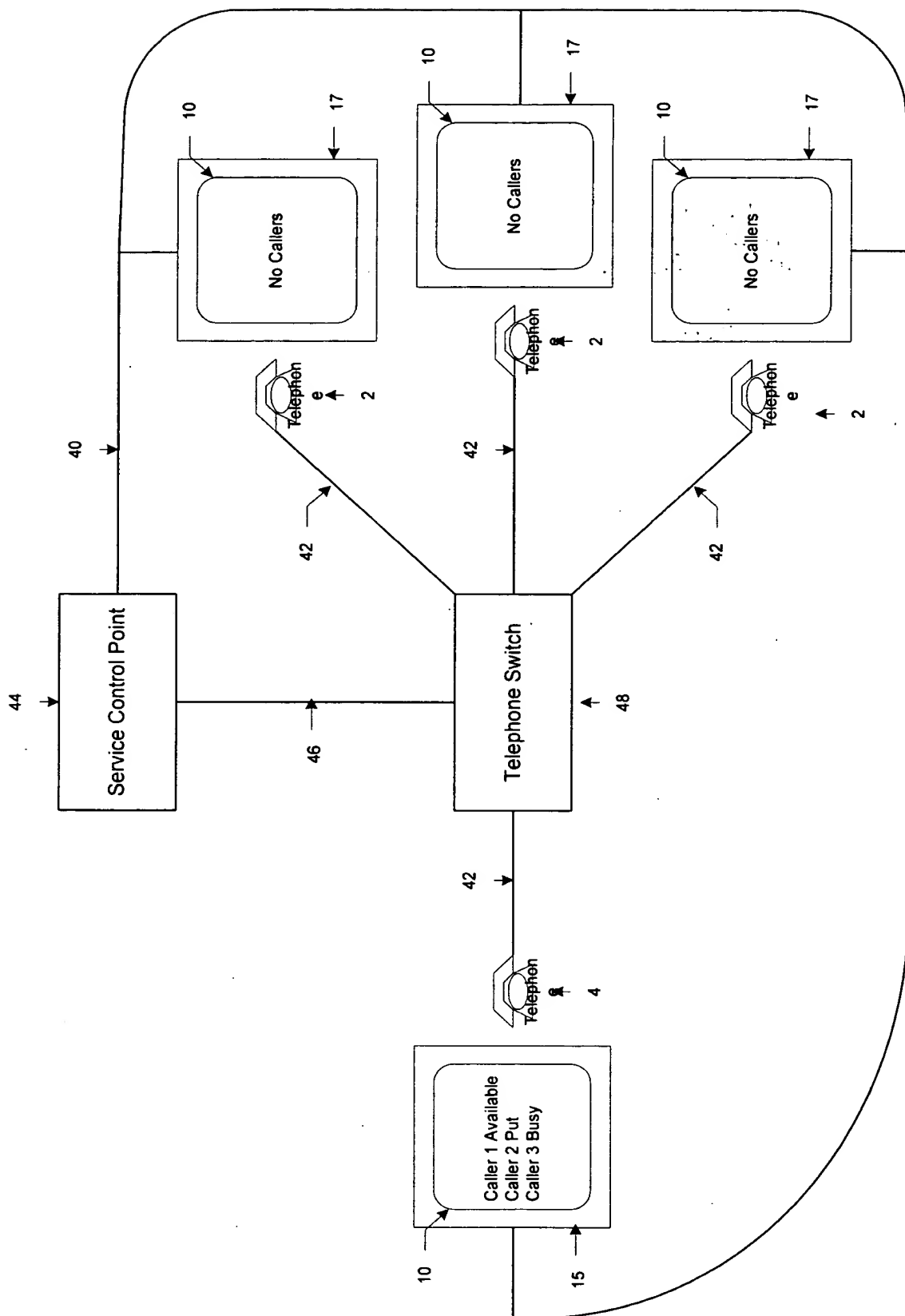


FIG. 3